

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/687,874	PETTERSSON ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Michael Pervan	2629	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/19/2006.
2. ☒ The allowed claim(s) is/are 5-67.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|---|---|

### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard Anderson on March 16, 2007.

The application has been amended as follows:

Claim 5, line 1, insert –for determining a position– after “product” and before the comma

Please amend claim 64 as follows;

64. A computer-readable medium storing a computer program ~~product which~~ comprises ~~a computer program~~ with instructions to cause a ~~the~~ computer to implement a the method for providing a code on a surface, to code at least one position in a first direction on the surface, said method as set forth in any one of claims 25-63 comprising:  
using at least one first main number series, which has the property that the place in the first main number series of each number sequence of a first predetermined length is unambiguously determined and which also discriminates the orientation of the code, but only for number sequences of a second predetermined length that exceeds the first predetermined length;  
determining at least one number sequence of the first predetermined length that codes said at least one position; and

applying to the surface at least one number sequence of the second predetermined length that includes the thus-determined number sequence(s) of the first predetermined length.

Please amend claim 65 as follows;

65. A device for position determination, comprising a sensor for producing an image of a partial surface of a surface which is provided with a position code, and image processing means which are arranged to calculate based on the subset of the position code which is to be found in the image of the partial surface a position of the partial surface in accordance with a the method of determining position, in a first direction, of the arbitrary partial surface of a predetermined size on the surface which is provided with the position code, which for the position coding in the first direction is based on at least one first main number series, which has the property that the place in the first main number series of each number sequence of a first predetermined length is unambiguously determined and which discriminates the orientation of said position code, but only for number sequences of a second predetermined length that exceeds the first predetermined length, as set forth in any one of claims 45-63 said method comprising:

identifying at least one number sequence of the second predetermined length from the position code on the partial surface;

identifying a correct orientation of said partial surface based on the thus-identified number sequence of the second predetermined length,

identifying a correctly oriented number sequence of the first predetermined length

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from the position code on the partial surface; and

determining said position based on said correctly oriented number sequence of the first predetermined length.

***Allowable Subject Matter***

2. Claims 5-67 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The examiner was unable to find reference or combination of references that teach the limitation of wherein the orientation of said code is discriminable from the first main number series, but only for number sequences of a second predetermined length that exceeds the first predetermined length.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Pervan whose telephone number is (571) 272-0910. The examiner can normally be reached on Monday - Friday between 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amr Awad can be reached on (571) 272-7764. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MVP

Mar. 19, 2007

AMR A. AWAD  
SUPERVISORY PATENT EXAMINER  
*Amr A. Awad*